ABSTRACT OF THE DISCLOSURE

An abrasion resistant steel consisting of 8.0-35.0 wt.% Cr, 0.05-1.20 wt.% C, 0.05-3.0 wt.% at least one of Ti, Nb, Zr, V and W and the balance being essentially Fe. A total amount of Ti, Nb, Zr, V and/or W carbide precipitates distributed in the steel matrix is adjusted to 0.1 wt.% or more. The steel achieves excellent abrasion resistance by the dispersion of carbide precipitates. These carbides have nearly the same hardness as other hard particles, such as alumina and silicon carbides, which cause abrasive abrasion. Due to such excellent abrasion resistance, a weaving machine member, a sewing needle, an agricultural machine member such as a mowing tooth or a cutter blade made of the steel can be used over a long period.